



Nucleotide

Protein

Genome

Structure

PMC

Taxonomy

OMIM

Boo!

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□ 1: NM_016894. Mus musculus rece...[gi:8394144]

Links

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LOCUS      Ramp1                      848 bp      mRNA      linear      ROD 06-APR-2003
DEFINITION Mus musculus receptor (calcitonin) activity modifying protein 1
            (Ramp1), mRNA.
ACCESSION  NM_016894
VERSION    NM_016894.1  GI:8394144
KEYWORDS   .
SOURCE     Mus musculus (house mouse)
ORGANISM   Mus musculus
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
REFERENCE  1 (bases 1 to 848)
AUTHORS    Flahaut,M., Rossier,B.C. and Firsov,D.
TITLE      Respective roles of calcitonin receptor-like receptor (CRLR) and
            receptor activity-modifying proteins (RAMP) in cell surface
            expression of CRLR/RAMP heterodimeric receptors
JOURNAL    J. Biol. Chem. 277 (17), 14731-14737 (2002)
MEDLINE    21964103
PUBMED     11854283
REMARK     GeneRIF: role in cell surface expression of CRLR/RAMP heterodimeric
            receptors
REFERENCE  2 (bases 1 to 848)
AUTHORS    Miret,J.J., Rakhilina,L., Silverman,L. and Oehlen,B.
TITLE      Functional expression of heteromeric calcitonin gene-related
            peptide and adrenomedullin receptors in yeast
JOURNAL    J. Biol. Chem. 277 (9), 6881-6887 (2002)
MEDLINE    21850626
PUBMED     11733510
REMARK     GeneRIF: Co-expression of RAMP1 and CRLR reconstituted a CGRP
            receptor that was able to activate the pheromone-signaling pathway
            with pharmacological properties similar to those observed
            previously in mammalian cells.
REFERENCE  3 (bases 1 to 848)
AUTHORS    Miyauchi,K., Tadotsu,N., Hayashi,T., Ono,Y., Tokoyoda,K.,
            Tsujikawa,K. and Yamamoto,H.
TITLE      Molecular cloning and characterization of mouse calcitonin
            gene-related peptide receptor
JOURNAL    Neuropeptides 36 (1), 22-33 (2002)
MEDLINE    22142898
PUBMED     12147211
REMARK     GeneRIF: The mouse cDNA for RAMP1 was cloned and we examined the
            signal transduction mechanism through the CGRP receptor. mRAMP1 is
            a 148-amino acid single membrane-spanning protein with a short
            cytoplasmic portion.
REFERENCE  4 (bases 1 to 848)
AUTHORS    Derst,C., Engel,H., Grzeschik,K. and Daut,J.
TITLE      Genomic structure and chromosome mapping of human and mouse RAMP
            genes
JOURNAL    Cytogenet. Cell Genet. 90 (1-2), 115-118 (2000)

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MEDLINE 20515595
PUBMED 11060459
REFERENCE 5 (bases 1 to 848)
AUTHORS Husmann,K., Sexton,P.M., Fischer,J.A. and Born,W.
TITLE Mouse receptor-activity-modifying proteins 1, -2 and -3: amino acid sequence, expression and function
JOURNAL Mol. Cell. Endocrinol. 162 (1-2), 35-43 (2000)
MEDLINE 20314386
PUBMED 10854696
REFERENCE 6 (bases 1 to 848)
AUTHORS Derst,C., Preisig-Mueller,R., Gerhardus,J. and Daut,J.
TITLE Cloning and sequencing of mouse CGRP/adrenomedullin receptor subunits
JOURNAL Unpublished
COMMENT PROVISIONAL REFSEQ: This record has not yet been subject to final NCBI review. The reference sequence was derived from AF146522.1.
FEATURES
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